

4A15

May 18, 2001

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**Re: 08/558,544 (US 5,262,654)**

Dear Examiner Mintel,

Attached are the requested litigation search results.

Several patent litigation and news databases were searched using Dialog, Lexis-Nexis and Questel-Orbit search systems.

No litigation cases were found that reference this patent number.

Thank you for using EIC2800!

Paul Schulwitz  
308-6559  
CP4-9C18

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1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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10678436

Basic Patent (No,Kind,Date): JP 4206969 A2 920728 &lt;No. of Patents: 003&gt;

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
JP 4206969	A2	920728	JP 90339055	A	901130	(BASIC)
JP 2838318	B2	981216	JP 90339055	A	901130	
US 5262654	A	931116	US 792936	A	911115	

Priority Data (No,Kind,Date):

JP 90339055 A 901130

PATENT FAMILY:

JAPAN (JP)

Patent (No,Kind,Date): JP 4206969 A2 920728

IMAGE READER (English)

Patent Assignee: SEMICONDUCTOR ENERGY LAB

Author (Inventor): YAMAZAKI SHUNPEI

Priority (No,Kind,Date): JP 90339055 A 901130

Applic (No,Kind,Date): JP 90339055 A 901130

IPC: \* H01L-027/146; H01L-029/784; H01L-031/10; H01L-027/092

Derwent WPI Acc No: ; G 92-297396

JAPIO Reference No: ; 160542E000086

Language of Document: Japanese

Patent (No,Kind,Date): JP 2838318 B2 981216

Patent Assignee: HANDOTAI ENERGY KENKYUSHO

Author (Inventor): YAMAZAKI SHUNPEI

Priority (No,Kind,Date): JP 90339055 A 901130

Applic (No,Kind,Date): JP 90339055 A 901130

IPC: \* H01L-027/146

Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5262654 A 931116

DEVICE FOR READING AN IMAGE HAVING A COMMON SEMICONDUCTOR LAYER  
(English)

Patent Assignee: SEMICONDUCTOR ENERGY LAB (JP)

Author (Inventor): YAMAZAKI SHUNPEI (JP)

Priority (No,Kind,Date): JP 90339055 A 901130

Applic (No,Kind,Date): US 792936 A 911115

National Class: \* 257053000; 257059000; 257292000; 257443000;  
257291000

IPC: \* H01L-027/14

Derwent WPI Acc No: \* G 92-297396

JAPIO Reference No: \* 160542E000086

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5262654	P	901130	US AA	PRIORITY (PATENT)
			JP 90339055	A 901130
US 5262654	P	911115	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 792936	A 911115
US 5262654	P	911115	US AS02	ASSIGNMENT OF ASSIGNOR'S

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INTEREST

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

398, HASE, ATSUGI-SHI KANAGAWA-KEN, 24 ;

YAMAZAKI, SHINPEI : 19911111

US 5262654	P	931116	US A	PATENT
US 5262654	P	960326	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			951116	

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1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US5262654 A 19931116 [US5262654]  
TI - (A) Device for reading an image having a common semiconductor layer  
PA - (A) SEMICONDUCTOR ENERGY LAB (JP)  
IN - (A) YAMAZAKI SHUNPEI (JP)  
AP - US79293691 19911115 [1991US-0792936]  
PR - JP33905590 19901130 [1990JP-0339055]  
IC - (A) H01L-027/14  
EC - H01L-027/12B  
- H01L-027/146P  
PCL - ORIGINAL (O) : 257053000; CROSS-REFERENCE (X) : 257059000 257291000  
257292000 257443000  
DT - Basic  
CT - US4827146; US4889983; US4906856; US4988631; US5032885; US5034794;  
US5043785; US5051803; US5097120  
STG - (A) United States patent  
AB - A device for reading an image (an image reading device) according to  
this invention comprises therein at least one photoelectric conversion  
semiconductor device provided on a substrate and at least one thin  
film transistor circuit element provided on the substrate wherein said  
photoelectric conversion semiconductor device and said thin film  
transistor circuit element comprise semiconductor regions obtained  
from one semiconductor film provided on said substrate. The device for  
reading an image is produced by a process comprising the steps of:  
depositing a semiconductor material on a substrate; forming a  
photoelectric conversion semiconductor device on said substrate, a  
semiconductor region of said photoelectric conversion semiconductor  
device being made of said semiconductor material; and forming a thin  
film transistor on said substrate, a semiconductor region of said thin  
film transistor being made of said semiconductor material, wherein  
said thin film transistor constitutes an electric circuit required to  
read an image.

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1/1 LGST - (C) LEGSTAT

PN - US 5262654 [US5262654]  
AP - US 792936/91 19911115 [1991US-0792936]  
DT - US-P  
ACT - 19911115 US/AE-A  
APPLICATION DATA (PATENT)  
{US 792936/91 19911115 [1991US-0792936]}  
- 19911115 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, HASE, ATSUGI-SHI  
KANAGAWA-KEN, 24 \* YAMAZAKI, SHINPEI : 19911111  
- 19931116 US/A  
PATENT  
- 19960326 US/RF  
REISSUE APPLICATION FILED  
951116  
UP - 1999-11

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1/1 CRXX - (C) CLAIMS/RRX

AN - 2417989  
PN - 5,262,654 A 19931116 [US5262654]

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PA - Semiconductor Energy Laboratory Co Ltd JP  
PT - E (Electrical)  
ACT - 19951116 REISSUE REQUESTED  
Issue Date of O.G.: 19960326  
Reissue Request Number: 08/558544  
Examination Group responsible for Reissue process: 2508

UP - 1999-00

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1/1 PAST - (C) PAST  
AN - 199613-001091  
PN - 5262654 A [US5262654]  
DT - A (UTILITY)  
OG - 1996-03-26  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

Source: All Sources : Area of Law - By Topic : Patent Law : Patents : U.S. Patents : Utility Patents **i**Terms: patno is 5262654 (Edit Search)

Pat. No. 5,262,654, \*

5,262,654

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Nov. 16, 1993

Device for reading an image having a common semiconductor layer

**REISSUE:** Reissue Application filed Nov. 16, 1995 (O.G. Mar. 26, 1996) Ex. Gp.: 2508; Re. S.N. 08/558,544**INVENTOR:** Yamazaki, Shunpei, Tokyo, Japan**ASSIGNEE-AT-ISSUE:** Semiconductor Energy Laboratory Co., Ltd., Kanagawa, Japan (03)**APPL-NO:** 792,936**FILED:** Nov. 15, 1991**FOR-PRIOR:**

Nov. 30, 1990 Japan 2-339055


**INT-CL:** [5] H01L 27#14**US-CL:** 257#53; 257#59; 257#291; 257#292; 257#443;**CL:** 257;**SEARCH-FLD:** 257#59, 291, 292, 443, 446, 447, 458, 53, 55**REF-CITED:**

## U.S. PATENT DOCUMENTS

<u>4,827,146</u>	5/1989	* Ogawa et al.	257#291
<u>4,889,983</u>	12/1989	* Numano et al.	257#292
<u>4,906,856</u>	3/1990	* Iwanami et al.	257#291
<u>4,988,631</u>	1/1991	* Ogawa et al.	257#59
<u>5,032,885</u>	7/1991	* Shiga	257#458
<u>5,034,794</u>	7/1991	* Murotani	257#458
<u>5,043,785</u>	8/1991	* Mizutani et al.	257#443
<u>5,051,803</u>	9/1991	* Kitamura et al.	257#458
<u>5,097,120</u>	3/1992	* Kitamura et al.	257#458

**PRIM-EXMR:** Intel, William**LEGAL-REP:** Sixbey, Friedman, Leedom & Ferguson**CORE TERMS:** semiconductor, film, silicon, region, photoelectric, substrate, conversion, impurity, n-type, p-type, thin film, layer, transistor, carrier, cluster, mobility, film-forming, electrode, oxide, amorphous, semiconductor device, sputtering, formation, crystal, semi-amorphous, photomask, grain, sensor, bond, hydrogen

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us5,262,654

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October 12, 1987

**SECTION:** Vol. 113 ; Pg. 38; ISSN: 0007-2028

**LENGTH:** 646 words

**HEADLINE:** Taxing task: getting rid of Florida ad tax.

**IAC-NUMBER:** IAC **05262654**

← Not referring to  
Pat. no.

Source: All Sources : News : News Group File, All 

Terms: **5262654** or **5,262,654** or **us5262654** or **us5,262,654** ([Edit Search](#))

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